

FORM PTO-1390 (Modified) U.S. PATENT AND TRADEMARK OFFICE; U.S. DEPARTMENT OF COMMERCE  
(REV. 7-2005)TRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A SUBMISSION UNDER 35 U.S.C. 371

ATTORNEY'S DOCKET NUMBER

112740-1117

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

10/562846

INTERNATIONAL APPLICATION NO.  
PCT/EP2004/000756INTERNATIONAL FILING DATE  
28 January 2004PRIORITY DATE CLAIMED  
30 June 2003

## TITLE OF INVENTION

METHOD FOR OPERATING A SHORT HAUL RADIO TRANSMITTING/RADIO RECEIVING SYSTEM CONFORMING TO  
A SHORT HAUL RADIO COMMUNICATION STANDARD AND A MASTER DEVICE FOR IMPLEMENTING SAID METHOD

APPLICANT(S) FOR DO/EO/US

Albert Ratermann et al.

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a submission under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a submission under 35 U.S.C. 371.
3. ☒ This is an express request to begin national examination procedures (35 U.S.C. 371(f)). The submission must include items (5), (6), (9) and (24) indicated below.
4. ☒ The US has been elected (Article 31).
5. ☒ A copy of the International Application as filed (35 U.S.C. 371 (c)(2))
  - a. ☒ is attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ has been communicated by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☒ An English language translation of the International Application as filed (35 U.S.C. 371(c)(2)).
  - a. ☒ is attached hereto.
  - b. ☐ has been previously submitted under 35 U.S.C. 154(d)(4).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371 (c)(3))
  - a. ☐ are attached hereto (required only if not communicated by the International Bureau).
  - b. ☐ have been communicated by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☒ have not been made and will not be made.
8. ☐ An English language translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371 (c)(4)).
10. ☐ An English language translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371 (c)(5)).
11. ☒ A copy of the International Preliminary Examination Report (PCT/IPEA/409).
12. ☒ A copy of the International Search Report (PCT/ISA/210).

## Items 13 to 23 below concern document(s) or information included:

13. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
14. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
15. ☒ A **FIRST** preliminary amendment.
16. ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
17. ☒ A substitute specification.
18. ☐ A power of attorney and/or change of address letter.
19. ☐ A computer-readable form of the sequence listing in accordance with PCT Rule 13ter.2 and 37 CFR 1.821 - 1.825.
20. ☐ A second copy of the published International Application under 35 U.S.C. 154(d)(4).
21. ☐ A second copy of the English language translation of the International Application under 35 U.S.C. 154(d)(4).
22. ☒ Express Mail Label No. EV 512723852 US

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

U.S. APPLICATION NO (if known, see 37 CFR 1.5) <div style="font-size: 1.5em; font-weight: bold; margin-top: 10px;">10/562846</div>	INTERNATIONAL APPLICATION NO. <div style="font-weight: bold; margin-top: 10px;">PCT/EP2004/000756</div>	ATTORNEY'S DOCKET NUMBER <div style="font-weight: bold; margin-top: 10px;">112740-1117</div>
23. Other items or information:  <div style="margin-left: 20px;">           Copy of New Version of German Application on 10 pages            copy of New Version of German application in English on 14 pages         </div>		
The following fees have been submitted:		CALCULATIONS      PTO USE
24. <input checked="" type="checkbox"/> Basic national fee ..... \$300	\$	\$300.00
25. <input checked="" type="checkbox"/> Examination fee (37 CFR 1.492(c)) If the written opinion of the ISA/US or the international preliminary examination report prepared by IPEA/US indicates all claims satisfy provisions of PCT Article ..... \$0 All other situations. .... \$200	\$	\$200.00
26. <input checked="" type="checkbox"/> Search fee (37 CFR 1.492(b)) If the written opinion of the ISA/US or the International preliminary examination report by IPEA/US indicates all claims satisfy provisions of PCT Article 33(1)-(4). . . \$0 Search fee (37 CFR 1.445(a)(2)) has been paid on the international application to the as an International Searching Authority. .... \$100 International Search Report prepared by an ISA other than the US and provided to the previously communicated to the US by the IB. .... \$400 All other situations. .... \$500	\$	\$400.00
<b>TOTAL OF 24, 25 and 26 =</b>		\$ 900.00
<input type="checkbox"/> Additional fee for specification and drawings filed in paper over 100 sheets (excluding sequence listing in compliance with 37 CFR 1.821(c) or (e) or computer program listing in an electronic medium) (37 CFR 1.492(i)). The fee is \$250 for each additional 50 sheets of paper or fraction thereof.		
Total Sheets      Extra Sheets      Number of each additional 50 or fraction thereof (round up to a whole)      RATE		
- 100 =      0      /50 =      0      x      \$250.00	\$	\$0.00
Surcharge of \$130.00 for furnishing any of the search fee, examination fee, or the oath or declaration after the date of commencement of the national stage (37 CFR 1.492(h)).		
CLAIMS      NUMBER FILED      NUMBER EXTRA      RATE		
Total claims      5      - 20 =      0      x      \$50.00	\$	\$0.00
Independent claims      1      - 3 =      0      x      \$200.00	\$	\$0.00
MULTIPLE DEPENDENT CLAIMS (if applicable) <input type="checkbox"/> +      \$360.00		
<b>TOTAL OF ABOVE CALCULATIONS =</b>		\$ 900.00
<input type="checkbox"/> Applicant claims small entity status. See 37 CFR 1.27. Fees above are reduced by 1/2.		
<b>SUBTOTAL =</b>		\$ 900.00
Processing fee of \$130.00 for furnishing the English translation later than 30 months from the earliest claimed priority date (37 CFR 1.492(i)).		
<b>TOTAL NATIONAL FEE =</b>		\$ 900.00
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40 per property      +		
<b>TOTAL FEES ENCLOSED =</b>		\$ 900.00
Amount to be		\$
Amount to be		\$

10/562846

FD-390 (Rev. 07-2005)

Approved for use through 3/31/2007. OMB 0651-0021  
U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE

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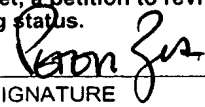
- a. ☒ A check in the amount of \$ \$900.00 to cover the above fees is enclosed.
- b. ☐ Please charge my Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.
- c. ☒ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 02-1818. A duplicate copy of this sheet is enclosed.
- d. ☐ Fees are to be charged to a credit card. **WARNING:** Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

**NOTE:** Where an appropriate time limit under 37 CFR 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the International Application to pending status.

SEND ALL CORRESPONDENCE TO:

Customer No. 29177

Bell Boyd & Lloyd LLC  
P.O. Box 1135  
Chicago, Illinois 60690

  
SIGNATURE

Peter Zura

NAME

48,196

REGISTRATION NUMBER

December 29, 2005

DATE

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant(s): Albert Ratermann et al.  
Appl. No.: PCT/EP2004/000756  
Title: METHOD FOR OPERATING A SHORT HAUL RADIO TRANSMITTING/RADIO  
RECEIVING SYSTEM CONFORMING TO A SHORT HAUL RADIO  
COMMUNICATION STANDARD AND A MASTER DEVICE FOR  
IMPLEMENTING SAID METHOD  
Docket No.: 112740-1117

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

**CERTIFICATE OF MAILING BY EXPRESS MAIL UNDER 37 CFR 1.10**

Sir:

I hereby certify that the following documents relating to the above-identified application:

1. Transmittal Letter (duplicate);
2. International application as originally filed on 20 pages;
3. copy of New Version of German application on 10 pages;
4. copy of New Version of German application in English on 14 pages;
5. International Preliminary Examination Report on 13 pages;
6. International Search Report on 15 pages;
7. declaration and power of attorney on 3 pages;
8. Preliminary Amendment on 21 pages;
9. IDS on 2 pages; PTO 1449 on 1 page, references; English abstract for German reference;
10. check in the amount of \$900.00; and
11. Return Receipt Postcard.

are being deposited with the United States Postal Service with sufficient postage as Express Mail  
in an envelope addressed to:

Mail Stop PCT  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

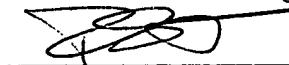
on December 29, 2005.

Respectfully submitted,

BELL, BOYD & LLOYD LLC

Renee Street

Name of Person Mailing Correspondence



Signature

EV 512723852 US

Express Mail Mailing Label Number